

No. 1

Effect of Bicarbonate, Acetate, and Citrate on Water and Sodium Movement in Normal and Cholera Toxin-Treated Rat Small Intestine	D. D. K. Rolston, M. J. Kelly, M. M. Borodo, A. M. Dawson & M. J. G. Farthing	1
The Effect of Gastrin-Releasing Peptide on Acid Secretion and the Release of Gastrin, Somatostatin, and Histamine in the Totally Isolated, Vascularly Perfused Rat Stomach	A. K. Sandvik, J. J. Holst & H. L. Waldum	9
Continuous Measurement of Gastric Blood Flow by Laser-Doppler Flowmetry during Gastroscopy	E. C. Christoforidis, C. Hovendal, P. Bjerring & A. Kruse	16
Short-Chain Fatty Acids and Other Intestinal Microflora-Associated Characteristics in Faeces of Patients with Severe B-Cell Immunodeficiency	D. E. Nilssen, T. Høverstad, S. S. Frøland & T. Midtvedt	21
Effect of Bile Salts on Carbonic Anhydrase from Rat and Human Gastric Mucosa	M. Salomoni, E. Zuccato, P. Granelli, W. Montorsi, S. B. Doldi, R. Germiniani & E. Mussini	28
Blood Transfusion and Prognosis in Colorectal Carcinoma	J.-P. Mecklin, H. J. Järvinen & J. T. Ovaska	33
Intestinal Permeability Assessed with Different-Sized Polyethylene Glycols in Children Undergoing Small-Intestinal Biopsy for Suspected Celiac Disease	K. Fälth-Magnusson, G. Jansson, L. Stenhammar, T. Sundqvist & K.-E. Magnusson	40
Application of Des- γ -Carboxy Prothrombin as a Complementary Tumor Marker with Alpha-Fetoprotein in the Diagnosis of Hepatocellular Carcinoma	C.-H. Ho, S.-D. Lee, H.-T. Chang, J.-C. Wu, Y.-T. Tsai & K.-J. Lo	47
Rectosigmoid Motility Response to Sham Feeding in Irritable Bowel Syndrome. Evidence of a Cephalic Phase	J. M. Jepsen, E. Skoubo-Kristensen & L. Elsborg	53
Primary Biliary Cirrhosis: Clinical Features and Outcome, with Special Reference to Asymptomatic Disease	A. Nyberg & L. Löf	57
Wedge Hepatic Venous Pressure Recording and Venography for the Assessment of Pre-Cirrhotic and Cirrhotic Liver Disease	D. J. van Leeuwen, S. Sherlock, P. J. Scheuer & R. Dick	65
Fat and Pancreatic Secretion	O. Olsen, O. B. Schaffalitzky de Muckadell & P. Cantor	74
High Frequency of Coeliac Disease in Adult Patients with Type-I Diabetes	P. Collin, J. Salmi, O. Hällström, H. Oksa, H. Oksala, M. Mäki & T. Reunala	81
The Contribution of the Diaphragm and an Intrinsic Sphincter to the Gastroesophageal Antireflux Barrier. An Experimental Study in the Dog	T. Rådmark & G. B. Pettersson	85
Oesophageal Motility and Lower Oesophageal Sphincter Competence in Progressive Systemic Sclerosis and Localized Scleroderma	G. Zaninotto, A. Peserico, M. Costantini, L. Salvador, R. Rondinone, A. Roveran, G. Piasentin, S. Glorioso, S. Merigliano, E. Ancona & A. Peracchia	95
Inhibition of Starch Absorption by Dietary Fibre. A Comparative Study of Wheat Bran, Sugar-Beet Fibre, and Pea Fibre	O. Hamberg, J. J. Rumessen & E. Gudmand-Høyer	103
Age-Dependent Increase of <i>Campylobacter pylori</i> Antibodies in Blood Donors	T. U. Kosunen, J. Höök, H. I. Rautelin & G. Myllylä	110
Spontaneous Anorectal Pressure Activity. Evidence of Internal Anal Sphincter Contractions in Response to Rectal Pressure Waves	S. M. Sørensen, H. Gregersen, S. Sørensen & J. C. Djurhuus	115

Effects of a Novel Bombesin Antagonist Analogue on Bombesin-Stimulated Gastric Acid Secretion and Growth Hormone Release in the Pentobarbital-Anesthetized Rat

W. J. Rossowski, W. A. Murphy, 121
N.-Y. Jiang, O. Yeginsu,
A. Ertan & D. H. Coy

No. 2

First Shanghai International Symposium on Gastrointestinal Cancers. Shanghai, China, 14-16 November 1988

Review: Histamine and the Stomach

Papillary Function of Patients with Juxtapapillary Duodenal Diverticulum. Consideration of Pathogenesis of Common Bile Duct Stones

Endoscopic Findings and Diagnosis in Unselected Dyspeptic Patients at a Primary Health Care Center

The Effect of Vasoactive Intestinal Peptide, Secretin, and Glucagon on Human Duodenal Bicarbonate Secretion

The Final Outcome of Patients Presenting with Their First Episode of Acute Diarrhoea and an Inflamed Rectal Mucosa with Preserved Crypt Architecture. A Clinicopathologic Study

Natural History of Duodenal Ulcer Detected by the Gastric Mass Surveys in Men over 40 Years of Age

Anal Sphincter Function after Colectomy, Mucosal Proctectomy, and Ileoanal Anastomosis

Significance of a Sonographic Secretin Test in the Diagnosis of Pancreatic Disease. Results of a Prospective Study

A Randomized Comparison of Horizontal and Vertical Banded Gastroplasty: What Determines Weight Loss?

The Mechanism of Acute Gastric Ulcer after Induced Hemorrhagic Shock

Juxtapapillary Duodenal Diverticula Predispose to Common Bile Duct Stones

Beta-Glucuronidase Activity in the Bile of Gallstone Patients Both with and without Duodenal Diverticula

Endoscopic, Portographic, and Hemodynamic Evaluation of Prolonged Propranolol Administration in Pigs with Experimental Portal Hypertension and Esophageal Varices

Characterization of Hepatic Hemodynamics in Cirrhotics and Non-Cirrhotics. Effect of Glucagon Infusion

Neuropeptide Y, Peptide YY, and Sympathetic Control of Rectal Tone and Anal Canal Pressure in the Cat

J. Myren 129

H. L. Waldum & A. K. Sandvik 130

K. Kubota, T. Itoh, 140

K. Shibayama, K. Shimada,
Y. Nomura & Y. Idezuki

I. Kagevi, S. Löfstedt & 145

L.-G. Persson

J. D. Wolosin, F. J. Thomas, 151

D. L. Hogan, M. A. Koss,

T. M. O'Dorisio &

J. I. Isenberg

M. Hamilton Therkildsen, 158

B. Nyholm Jensen,

P. Stubbe Teglbjærg &

S. Nørby Rasmussen

E. Kaneko, S. Ooi, G. Ito & 165

N. Honda

R. Emblem, R. Stien & 171

L. Mørkrid

J. Glaser, B. Högemann, 179

M. Schneider, E. Hultsch,

N. van Hussen & U. Gerlach

T. Andersen, B. Højlund 186

Pedersen, I. Dissing,

A. Astrup & J. H. Henriksen

T. Urakawa, Y. Nagahata, 193

Y. Azumi, A. Itoh, I. Sano,

K. Takeda, Y. Hashimoto,

T. Ichihara, H. Moritomo &

Y. Saitoh

V. Skar, T. Løtveit & M. Osnes 202

V. Skar, A. G. Skar, J. Bratlie

& M. Osnes

L. S. Jensen, N. Krarup, 205

C. O. Juhl, T. H. Nielsen &

J. A. Larsen

N. Sato, S. Kawano, 223

T. Matsumura, H. Meren,

H. Yoshihara, T. Hijioka,

H. Eguchi, H. Fukui &

T. Kamada

P. M. Hellström, 231

J. M. Lundberg, T. Hökfelt &

M. Goldstein

Enzyme Activities in the Duodenal Mucosa in Duodenal Ulcer Patients

Gastric Emptying and Gastrointestinal Symptoms in Patients with Atrophic Gastritis and the Effects of Domperidone

K. Vetoik, E. Schrumpf, 244
K.-J. Andersen, B. Børkje,
D. W. Skagen &
O. J. Halvorsen
M. Tatsuta, H. Iishi & S. Okuda 251

No. 3

Review: Biologic Response Modifiers in the Treatment of Gastrointestinal Malignancies

Superiority of the Child-Pugh Classification to Quantitative Liver Function Tests for Assessing Prognosis of Liver Cirrhosis

Correlation between Gallstones and Abdominal Symptoms in a Random Population. Results from a Screening Study
Lack of a Serologic Response to an E1B Protein of Adenovirus 12 in Coeliac Disease

Correlation between Inhibition of Gastric Acid Secretion, Plasma Gastrin, and Oxyntic Mucosal Histidine Decarboxylase Activity in the Rat

Intravascular Coagulation in the Development of Massive Hepatic Necrosis Induced by *Corynebacterium parvum* and Endotoxin in Rats

Cerebral Blood Flow and Liver Function in Patients with Encephalopathy due to Acute and Chronic Liver Diseases
D-Galactose Absorption for the Whole Intestinal Surface after Different Types of Resection and Bypass

Fat Malabsorption in Patients before and after Total Gastrectomy, Studied by the Triolein Breath Test

Do Bile Acids Exert a Negative Feedback Control of Cholecystokinin Release?

Consistency in Manual Scoring Analysis of Gastrointestinal Pressure Recordings

Prospective Study of the Etiology of Diarrhea in Adult Outpatients and Inpatients

Esophageal Motility in Cirrhotics with and without Esophageal Varices

Propranolol in Prevention of Rebleeding from Oesophageal Varices during the Course of Endoscopic Sclerotherapy
Intestinal Cancer in Patients with Crohn's Disease. A Population Study in Central Israel

H. Mellstedt, J.-E. Frödin, 257
C. Lindemalm, G. Masucci,
K. Merk, D. Pettersson,
P. Ragnhammar, M. Steinitz,
C. Wedelin, P. Wersäll &
A. Österborg
I. Albers, H. Hartmann, 269
J. Bircher & W. Creutzfeldt

I. Glambek, B. Arnesjø & 277
O. Søreide
P. D. Howdle, M. E. Blair 282
Zajdel, C. J. Smart, L. K.
Trejdosiwicz, G. E. Blair
& M. S. Losowsky
B. Ryberg, H. Mattsson, 287
H. Larsson & E. Carlsson

S. Yamada, I. Ogata, K. Hirata, 293
S. Mochida, T. Tomiya &
K. Fujiwara
T. Almdal, T. Schroeder & 299
L. Ranek

O. Carreras, M. J. Delgado & 304
M. L. Murillo
B. Walther, C. Clementsson, S. 309
Vallgren, I. Ihse & B. Åkesson

I. Koop, H. Koop, C. Gerhardt, 315
A. Schafmayer & R. Arnold
M. B. Andersen, H. Stødtkilde- 321
Jørgensen, K. Kraglund, J. C.

Djurhuus & A. Rosenfalck
H. I. Rautelin, O.-V. Renkonen, 329
C.-H. Von Bonsdorff,
J. Lähdevirta, T. Pūkänen,
A. Järvinen, P. Reinikainen &
T. U. Kosunen

S. Passaretti, G. Mazzotti, 334
R. de Franchis, M. Cipolla,
P. A. Testoni & A. Tinobello
L. S. Jensen & N. Krarup 339

Z. Fireman, A. Grossman, 346
P. Lilos, D. Hacohen, S. Bar
Meir, P. Rozen & T. Gilat

⁵¹ Cr-Ethylenediaminetetraacetic Acid Absorption Test. Methodologic Aspects	L. Aabakken	351
Effect of Human Faecal Donor on In Vitro Fermentation Variables	M. I. McBurney & L. U. Thompson	359
Rioprostil and Ranitidine in the Treatment of Prepyloric Gastric Ulcer. A Double-Blind Comparative Trial	K. Lauritsen, L. S. Laursen, T. Havelund, J. Brønnum-Schou & J. Rask-Madsen	368
Pigment Gallstone Dissolution in Vitro. Solubilization of Brown Bilirubinate and Black Polybilirubinate Stone Material by Buffered Solvents Containing Ethylenediaminetetraacetic Acid, Bile Salts, and Reducing Thiols	U. Wosiewicz, S. Güldütuna, H. Fischer & U. Leuschner	373
Restriction Fragment Length Polymorphism Analysis of T-Cell Receptor Genes in Inflammatory Bowel Disease	S. Katakura, K. Einarsson, L. Hammarström & C. I. E. Smith	381

No. 4

The Clinical Relevance of Endoscopic and Histologic Inflammation of Gastroduodenal Mucosa in Dyspepsia of Unknown Origin	K.-Å. Jönsson, R. Gotthard, G. Bodemar & U. Brodin	385
Increased Incidence of <i>Campylobacter pylori</i> Infection in Gastroenterologists: Further Evidence to Support Person-to-Person Transmission of <i>C. pylori</i>	H. M. Mitchell, A. Lee & J. Carrick	396
Symptomatic Effect of a Low-Dose Antacid Regimen in Reflux Oesophagitis	R. Weberg & A. Berstad	401
Effects of Oral S-Adenosyl-L-Methionine on Hepatic Glutathione in Patients with Liver Disease	G. Vendemiale, E. Altomare, T. Trizio, C. Le Grazie, C. Di Padova, M. T. Salerno, V. Carrieri & O. Albano	407
The Value of a Follow-up Programme after Radical Surgery for Colorectal Carcinoma	J. T. Ovaska, H. J. Järvinen & J.-P. Mecklin	416
The Dose-Response of Canine Focal Gastric Mucosal Blood Flow to Misoprostol	T. J. Gana, B. R. MacPherson & J. Koo	423
Follow-up Study of Erosive Prepyloric Changes	G. Stene-Larsen, Aa. Nesland & A. Berstad	430
Gastric Aspiration versus Antimony and Glass pH Electrodes. A Simultaneous Comparative in Vivo Study	V. Savarino, G. S. Mela, P. Zentilin, M. R. Magnolia, P. Scalabrini, F. Valle, M. Moretti, G. Bonifacino & G. Celle	434
Predictors for the Course of Chronic Non-Organic Upper Abdominal Pain	H. Sloth & L. S. Jørgensen	440
Studies of the Release of Gastrin from the Human Duodenum Induced by Gastrin-Releasing Peptide	M. Sjövall, L. Lundell, J. F. Rehfeld & L. Olbe	445
Change of Intrahepatic Expression of Hepatitis-B Core Antigen during the Clinical Course of Type-B Chronic Hepatitis	S. T. M. Franca, K. Kiyosawa, Y. Imai, T. Sodeyama, T. Hayata, Y. Nakano, M. Nakamura & S. Furuta	454
Exocrine Pancreatic Function in Patients with Progressive Systemic Sclerosis	L. Hendel & H. Worning	461
Evidence of the Intact Hepatocyte Theory in Alcoholic Cirrhosis	M. Vaubourdel, V. Gufflet, J. Guehot, F. Ballet, P. Jaillon, J. Giboudeau & R. Poupon	467

Phospholipase Activation and Arachidonic Acid Release in Cultured Intestinal Epithelial Cells (INT 407)	<i>C. Gustafson & C. Tagesson</i>	475
Release and Action of Epidermal Growth Factor on Gastric Secretion in Humans	<i>S. J. Konturek, W. Bielanski, J. W. Konturek, J. Oleksy & J. Yamazaki</i>	485
Effect of Low-Dose Exogenous Secretin and Somatostatin on Pentagastrin-Stimulated Gastric Acid Secretion in Man	<i>J. Olsen, P. E. Mortensen, O. B. Schaffalitzky de Muckadell, J. J. Holst & J. Christiansen</i>	493
Malignancy in Ulcerative Colitis	<i>N. Kvist, O. Jacobsen, H. K. Kvist, P. Nørgaard, H. H. Ockelmann, G. Schou & S. Jarnum</i>	497
Pancreatic Secretion and the Release of Cholecystokinin after a Meal in Dogs with and without Exclusion of Pancreatic Juice	<i>M. Kogire, K. Inoue, R. Hosotani, Y.-S. Huang, J. C. Thompson & T. Kobe</i>	507

No. 5

Protection of Gastric Epithelial Cell Monolayers from a Human Cell Line by Omeprazole in Vitro	<i>M. Romano, M. Razandi & K. J. Ivey</i>	513
Erosive Prepyloric Changes—a Manifestation of Stress?	<i>Aa. Nesland, O. Øktedalen, P. K. Opstad, A. Serck-Hanssen, S. Aase & A. Berstad</i>	522
Effects of Oleic Acid and Oleyl Alcohol on Cholecystokinin and Secretin in Plasma and Pancreatobiliary Secretion	<i>O. Olsen, M. Ainsworth, O. B. Schaffalitzky de Muckadell & P. Cantor</i>	529
Clinical Significance of Serum Type-III Procollagen Amino-propeptide in Hepatitis B Virus-Related Liver Diseases	<i>T.-T. Chang, H.-C. Lin, S.-D. Lee, Y.-T. Tsai, F.-Y. Lee, F.-S. Jeng, J.-C. Wu, P. S.-H. Yeh & K.-J. Lo</i>	533
Enteral versus Parenteral Glucose as the Sole Nutritional Support after Colorectal Resection. A Prospective, Randomized Comparison	<i>J. Magnússon, K.-G. Tranberg, B. Jeppsson & A. Lunderquist</i>	539
Evaluation of Anamnestic Data in Patients Referred for Oral Cholecystography	<i>G. Persson, M. Sloth, S. Sköld & A. Thulin</i>	550
Relapse of Gastric Ulcers after Healing with Omeprazole and Cimetidine. A Double-Blind Follow-up Study	<i>Danish Omeprazole Study Group</i>	557
Bacterial Overgrowth after High-Dose Corticosteroid Treatment	<i>H. Denison & S. Wallerstedt</i>	561
Time-Specific Development of Pancreatic Hypersecretory Capacity during Chronic Caerulein Treatment in Rats	<i>G. Varga, I. Dobronyi & M. Papp</i>	565
Abnormal Intestinal Permeability Pattern in Colonic Crohn's Disease. Absorption of Low Molecular Weight Polyethylene Glycols after Oral or Colonic Load	<i>G. Olaison, R. Sjö Dahl, P. Leandersson & C. Tagesson</i>	571
Bioactivity Studies on New Gastrin Analogues	<i>S. E. Haugen, A. J. Douglas, B. Rønning, B. Walker, A. K. Sandvik, R. F. Murphy, D. T. Elmore & H. L. Waldum</i>	577
Chronic Antral Gastritis, Lewis ⁺⁺ Phenotype, and Male Sex as Factors in Predicting Coexisting Duodenal Ulcer	<i>P. Sipponen, M. Aärinen, I. Kääriäinen, P. Kettunen, T. Helske & K. Seppälä</i>	581
Chronic Non-Specific Diarrhea of Infancy Successfully Treated with Trimethoprim-Sulfamethoxazole	<i>K. A. Dahlström, L. Danielsson, M. Kalin & L. Klingenspor</i>	589

Gastric and Oesophageal Emptying in Obesity

Repeated Screening for Colorectal Cancer with Fecal Occult Blood Test. A Prospective Randomized Study at Funen, Denmark

Increased Tissue Concentration of Neuropeptide Y in the Duodenal Mucosa in Coeliac Disease

Endoscopic Sclerotherapy of Oesophageal Varices in Rabbits. The Long-Term Effect on Oesophageal Collagen Content and Mechanical Strength

Clinical Experience with Isolated Hyperbilirubinemia
Failed Ileocolic Anastomosis: Correlations between Clinical Function and Anal Canal Neurophysiologic and Histologic Examinations

Compared Effect of n-3 and n-6 Dietary Fatty Acids on Rat Intestinal Acyl-CoA:Cholesterol Acyltransferase Activity

A. Maddox, M. Horowitz, 593

J. Wishart & P. Collins 599

O. Kronborg, C. Fenger, 607

J. Olsen, K. Bech & O. Søndergaard

K. Sjölund & R. Ekman 613

L. S. Jensen, S. Laurberg & T. T. Andreassen

R. Olsson & L. Stigendal 617

R. Emblem, Aa. Erichsen, 623

L. Mørkrid, T. Ganes, R. Stien & A. Bergan

M. Chautan, E. Termine, 632

N. Amirayan, J. Leonardi, A.-M. Pauli, H. Portugal & H. Lafont

No. 6

The Pancreatitis Classification of Marseilles-Rome 1988

DNA Distribution Pattern in Chronic Gastritis. I. DNA Ploidy and Cell Cycle Distribution

The Duodenal Bacterial Flora in the Region of Papilla of Vater in Patients with and without Duodenal Diverticula

High-Performance Liquid Chromatography of Bilirubin Conjugates in Bile: Effect of β -Glucuronidase on the Bile Pigments

Ginkgo biloba Extract Prevents Mucosal Damage Associated with Small-Intestinal Ischaemia

Gastric and Esophageal Acidity during Continuous Treatment with H_2 -Antagonists in Uncomplicated Esophagitis

Increased Gut Permeability to Fluorescein Isothiocyanate-Dextran after Total Parenteral Nutrition in the Rat

Clinical Relevance of Sampling Rate in the Characterization and Analysis of 24-Hour Gastric Acidity. A Report on 413 Cases

Self-Administration of Enzyme Substitution in the Treatment of Exocrine Pancreatic Insufficiency

Local Administration of Human Pancreatic Secretory Trypsin Inhibitor Prevents the Development of Experimental Acute Pancreatitis in Rats and Dogs

Urinary Prostaglandins and Renal Function in Obstructive Jaundice

H. Sarles, G. Adler, R. Dani, 641

C. Frey, L. Gullo, H. Harada, E. Martin, M. Norohna & L. A. Scuro

H. Weiß, H.-J. Gütz, J. Schröter & G.-P. Wildner 643

V. Skar, A. G. Skar & M. Osnes 649

V. Skar & H. Saxerholt 657

T. Otamiri & C. Tagesson 666

S. Fiorucci, L. Santucci, E. Perrone, F. Abbritti & A. Morelli 671

S. Purandare, K. Offenbartl, B. Weström & S. Bengmark 678

G. S. Mela, V. Savarino, M. Moretti, G. Bonifacino, A. Sumbaraz & P. Zentilin 683

O. J. Rämö, P. A. Puolakkainen, K. Seppälä & T. M. Schröder 688

K. Ohlsson, R. Olsson, P. Björk, G. Ballidin, A. Borgström, Å. Larsson, T. Kohno & R. C. Thompson 693

M. Uemura, T. Tsujii, H. Fukui, A. Takaya, N. Tsukamoto, M. Nakayama, M. Matsumoto, N. Uemura, M. Fujimoto & M. Tamura 705

Controlled Clinical Trial with Sucralfate in the Treatment of Macroscopic Gastritis	E. Skoubo-Kristensen, P. Funch-Jensen, A. Kruse, F. Hanberg-Sørensen & E. Amdrup	716
Short- and Long-Term Effects of Secretin and a Cholecystokinin-Like Peptide on Pancreatic Growth and Synthesis of RNA and Polyamines	H. Haarstad & H. Petersen	721
Inhibition of Polyamine Synthesis by α -Difluoromethylornithine and Its Effects on Pancreatic Secretion and Growth in the Rat	H. Haarstad, T. Skei & H. Petersen	733
Comparison of CA 72-4 with CA 19-9 and Carcinoembryonic Antigen in the Serodiagnostics of Gastrointestinal Malignancies	G. Heptner, S. Domschke & W. Domschke	745
Clinical Significance of Manometric Assessment of Both Pancreatic Duct and Bile Duct Sphincter in the Same Patient	P. Rolny, A. Årleback, P. Funch-Jensen, A. Kruse & G. Järnerot	751
Association between Tumor DNA Aneuploidy and in Vitro Tetraploidy of Skin Fibroblasts in Patients with Colorectal Neoplasms	L. B. Svendsen, J. Thorup, J. K. Larsen, T. Nørgård, H. Willumsen & O. Hart Hansen	755
Ammonia Produced by <i>Campylobacter pylori</i> Neutralizes H ⁺ Moving through Gastric Mucus	L. Thomsen, C. Tasman-Jones, A. Morris, P. Wiggins, S. Lee & C. Forlong	761

No. 7

Review: Characteristics of Laboratory Markers in Alcohol-Related Organ Damage	M. Salaspuro	769
Na ⁺ /H ⁺ Ion-Exchange Property of Postmortem Human Gastric Mucus. The Effects of <i>Campylobacter pylori</i> Infection and Sucralfate	L. Thomsen, C. Tasman-Jones & A. Morris	781
Treatment of Malignant Metastatic Midgut Carcinoid Tumours with Recombinant Human α 2b Interferon with or without Prior Hepatic Artery Embolization	L. E. Hanssen, E. Schrumpf, A. N. Kolbenstvedt, J. Tausjø & L. Ø. Dolva	787
Coffee Drinking in Patients with Duodenal Ulcer and a Control Population	J. N. Eisig, S. Zaterka, H. K. Massuda & A. Bettarello	796
Polyps of the Large Intestine in Aarhus, Denmark. An Autopsy Study	L. G. K. Johannsen, O. Momsen & N. O. Jacobsen	799
Importance of an Acid Milieu in the Sucralfate-Induced Gastroprotection against Ethanol Damage	S. J. Konturek, T. Brzozowski, T. Mach, W. J. Konturek, J. Bogdal & J. Stachura	807
Gastric Cancer Detected by Mass Survey. Comparison between Mass Survey and Outpatient Detection	G. H. M. Kampschöer, A. Fujii & Y. Masuda	813
Gastric Bezoar: Another Side Effect of Endoscopic Variceal Sclerotherapy	T. Davion, J. Delamarre, N. Reix, A. Lambert & J. P. Capron	818
Gallstones and Diet in a Danish Population	T. Jørgensen & L. Mørch Jørgensen	821
Protective Effect of Low Dose of Enprostil against Gastric Blood Loss Induced by Aspirin in Man	G. Thieffin, E. Fierfort, A. Duchateau, E. Garbe, M. Joubert & P. Zeitoun	827
Improved Lower Esophageal Sphincter Manometry: Application of the End-Hole Recording Technique in Vivo	T. Rådmark & G. B. Pettersson	833
Lower Esophageal Sphincter Pressure in Normal Individuals and Patients with Gastroesophageal Reflux. A Comparison between End-Hole and Side-Hole Recording Techniques	T. Rådmark & G. B. Pettersson	842

Amino Acid- and Glucose-Induced Cholestasis before and during Secretin Stimulation	Ø. Mathisen & E. Omland	851
Treatment of Pancreatic Fistulas with Somatostatin and Total Parenteral Nutrition	A. Saari, T. Schröder, E. Kivilaakso, T. Kalima & M. Lempinen	859
Immunocytochemical Studies of Gastric H ⁺ ,K ⁺ -ATPase in the Developing Rat	H. F. Helander, D. Anderson, K. G. Helander, A. Smolka & G. Sachs	863
The Ratio of Pepsinogen A to Pepsinogen C: A Sensitive Test for Atrophic Gastritis	K. Borch, C. K. Axelsson, H. Halgreen, M. Damkjaer Nielsen, T. Ledin & P. B. Szesci	870
Adhesion of Bacteria to the Human Small-Intestinal Mucosa. A Scanning Electron Microscopic Study	P. Hörstedt, Å. Danielsson, H. Nyhlin, R. Stenling & O. Suhr	877
Stimulatory Effect of Short-Chain Fatty Acids on Epithelial Cell Proliferation of Isolated and Denervated Jejunal Segment of the Rat	T. Sakata	886
Effects of Mesalazine Substitution on Salicylazosulfapyridine-Induced Seminal Abnormalities in Men with Ulcerative Colitis	N. Kjærgaard, L. Ambrosius Christensen, J. G. Lauritsen, S. Nørby Rasmussen & S. Honoré Hansen	891

No. 8

Review: Diabetic Gastroparesis	K Varis	897
Deranged Gastric Mucus Secretion in Erosive Prepyloric Changes	M. Guslandi, E. Ballarin & A. Tittobello	904
The Effects of Graded Doses of a Cholecystokinin-Like Peptide with and without Secretin on Pancreatic Growth and Synthesis of RNA and Polyamines in Rats	H. Haarstad & H. Petersen	907
Gallstones and Plasma Lipids in a Danish Population	T. Jørgensen	916
Contraction of Canine Stomach and Small Bowel by Intravenous Administration of Serotonin. A Physiologic Response?	G. B. Hopkinson, J. Hinsdale & B. M. Jaffe	923
Spinovagal Reflex Modulation of Gastric Motility in Response to Mucosal Nociceptive Stimulation in the Anaesthetized Rat	D. Delbro	933
Serum Gastrin in Chronic Renal Failure: Its Relation to Acid Secretion, G-Cell Density, and Upper Gastrointestinal Findings	K. Ala-Kaila, M. Kekki, I. Paronen & T. Paakkala	939
Complications of Ultrasonically Guided Fine-Needle Abdominal Biopsy. Results of a Multicentre Italian Study and Review of the Literature	F. Fornari, G. Civardi, L. Cavanna, M. Di Stasi, S. Rossi, G. Sbolli, L. Buscarini & The Cooperative Italian Study Group	949
Sphincter of Oddi Dysfunction. Dynamic Cholescintigraphy and Endoscopic Retrograde Cholangiopancreatography with Papillotomy in Diagnosis, Treatment, and Follow-up Study	P. G. Farup & S. Tjora	956
The Action of Histamine on the Isolated Stomach Muscle of the Cat	S. S. Sim, S. H. Yoon, S. J. Hahn, Y. H. Jo, C. C. Kim & M. S. Kim	961
Postprandial Gallbladder Filling: Relation to Gastrointestinal Motility	N. Qvist, E. Øster-Jørgensen, L. Rasmussen, C. Hovendal & S. A. Pedersen	969

Validation of pH Dataloggers for Pharmacologic Studies	<i>S. G. Chiverton, D. W. Burget & R. H. Hunt</i>	975
Probable Role of Both Sulfhydryls and Prostaglandins in Gastric Mucosal Protection Induced by S-Adenosyl-methionine	<i>C. A. Gutiérrez-Cabano</i>	982
Experimental Chronic Pancreatitis in the Pig	<i>P. Pitkäranta, L. Kivisaari, S. Nordling, A. Saari & T. Schröder</i>	987
Intestinal Permeability of ⁵¹ Cr-labelled Ethylenediamine-tetraacetic Acid in Patients with Crohn's Disease and Their Healthy Relatives	<i>M. Ainsworth, J. Eriksen, J. Wæver Rasmussen & O. B. Schaffalitzky de Muckadell</i>	993
Prognosis after the First Episode of Gastrointestinal Bleeding or Coma in Cirrhosis. Survival and Prognostic Factors	<i>E. Christensen, J. J. Krintel, S. Meltofte Hansen, J. Krogh Johansen & E. Juhl</i>	999
Optimal Assessment of Gastrointestinal Side Effects Induced by Non-Steroidal Anti-Inflammatory Drugs. Endoscopic Lesions, Faecal Blood Loss, and Symptoms Not Necessarily Correlated, As Observed after Naproxen and Oxindanac in Healthy Volunteers	<i>L. Aabakken, J. H. Dybdahl, W. Eidsaunet, A. Haaland, S. Larsen & M. Osnes</i>	1007
A Comparison of Sucralfate and Prednisolone Enemas in the Treatment of Active Distal Ulcerative Colitis	<i>S. A. Riley, I. Gupta & V. Mani</i>	1014
The Effect of Loperamide on Bowel Habits and Anal Sphincter Function in Patients with Ileoanal Anastomosis	<i>R. Emblem, R. Stien & L. Mørkrid</i>	1019

No. 9

Current Opinion: Colorectal Cancer Prevention. In Search of Risk Factors and Increased Effectiveness of Surveillance Programs	<i>M. H. Vain & G. Hoff</i>	1025
Enzyme Patterns and Flow Cytometric DNA Measurements in Colorectal Hyperplastic Polyps and Tubular Adenomas Less than Five Millimeters	<i>M. H. Vain, G. Hoff, O. P. F. Clausen & A. Foerster</i>	1031
Endoscopic Ultrasonography in the Assessment of Invasive Gastric Cancer	<i>S. Ohashi, S. Nakazawa & J. Yoshino</i>	1039
Dissociation of Changes in Plasma Cholesterol and Hepatic Cholesterol Synthesis, Assessed by Precursors in Bile, after Jejunoileal Bypass with 3:1 and 1:3 Jejunoileal Ratio	<i>T. I. A. Sørensen, T. A. Miettinen & B. Andersen</i>	1049
Gallbladder Mucin and Cholesterol and Pigment Gallstone Formation in Hamsters	<i>P. F. Malet, S.-Q. Deng & R. D. Soloway</i>	1055
Topical Treatment of Ulcerative Proctitis with Lidocaine	<i>S. Björck, A. Dahlström & H. Ahlman</i>	1061
Gastric Vascular Ectasias in Cirrhosis: Association with Hypoacidity Not Related to Gastric Atrophy	<i>R. M. Pérez-Ayuso, J. M. Piqué, E. Saperas, J. A. Bombí, J. M. Bordas, M. Elena, S. Navarro & J. Terés</i>	1073
Serotonin—A Possible Transmitter for the Gastric Adaptive Relaxation. Interaction with Histamine and Prostaglandin F _{2α} on Pressure Responses in the Isolated Stomach Does Smoking Tighten the Gut?	<i>W. Bugge, C. J. Ribbegren, T. Gerner & J. Haffner</i>	1079
Absorption of Water and Solute from Glucose-Electrolyte Solutions in the Human Jejunum: Effect of Citrate or Betaine	<i>H. Prytz, C. Benoni & C. Tagesson</i>	1084
Duodenal Acidification and Jejunal Hyperosmolality Inhibit Pentagastrin-Stimulated Acid Secretion in Chronic Gastric Fistula Rats	<i>J. B. Leiper & R. J. Maughan</i>	1089
	<i>C. Wallin & S. Emås</i>	1095

Delayed Gastric Ulcer Healing after Extirpation of Submandibular Glands Is Sex-Dependent	<i>U. Wingren, T. H. Brown, B. M. Watkins & G. M. Larson</i>	1102
Duodenal Ulcer Treated with Omeprazole: Healing and Relapse Rates. Does Treatment Duration Influence Subsequent Remission?	<i>P. G. Farup, A. R. Rosseland, L. Halvorsen, O. K. Andersen & T. Bernklev</i>	1107
Gastroprotection by an Aluminium- and Magnesium Hydroxide-Containing Antacid in Rats. Role of Endogenous Prostanoids	<i>S. J. Konturek, T. Brzozowski, D. Drozdowicz & C. Nauert</i>	1113
Na,K-ATPase Activity in Rectal Mucosa of Children with Ulcerative Colitis and Crohn's Disease	<i>J. Ejderhamn, Y. Finkel & B. Strandvik</i>	1121
^{99m} Tc-Sucalfate Scintigraphy in Inflammatory Bowel Disease	<i>P. Brøndum Mortensen, Y. Lech, J. Møller-Petersen, M. Vilien, J. Fallingborg & S. Ekelund</i>	1126
Lower Esophageal Sphincter Pressure, Esophageal Body Motor Functioning, and Esophageal Acid Sensitivity	<i>M. L. Allen, M. G. Robinson & W. C. Orr</i>	1129
Culture of Normal and Inflamed Rabbit Colonic Explants. Medium-Term Prostaglandin Profile	<i>G. Nygård & T. Berglindh</i>	1135
Efficacy and Safety of Long-Term Maintenance Therapy of Duodenal Ulcers	<i>J. Penston & K. G. Wormsley</i>	1145

No. 10

Review: Screening for Hereditary Colorectal Carcinoma	<i>H. J. Järvinen & J.-P. Mecklin</i>	1153
Effect of Pirenzepine on Aminopyrine Uptake by Isolated Guinea Pig Parietal Cells	<i>N. Tani, Y. Watanabe, N. Mutoh, H. Karasawa, M. Hara & T. Miwa</i>	1159
Simultaneous Measurement of Gastric Acid and Bicarbonate Secretion in Man	<i>H. Sjövall, H. Forssell & L. Olbe</i>	1163
Smoking and pH Response to H ₂ -Receptor Antagonists	<i>C.-C. Schürer-Maly, L. Varga, H. R. Koelz & F. Halter</i>	1172
Disposition of 5-Aminosalicylic Acid from 5-Aminosalicylic Acid-Delivering Drugs during Accelerated Intestinal Transit in Healthy Volunteers	<i>M. C. M. Rijk, R. A. van Hogezaand, A. van Schaik & J. H. M. van Tongeren</i>	1179
Abnormal Oesophageal Function in Patients with Non-Toxic Goiter or Enlarged Left Atrium, Demonstrated by Radionuclide Transit Measurements	<i>F. Jørgensen, B. Hesse, P. Grønbaek, J. Fogh & S. Haunsø</i>	1186
Polyamines in Human Gastric and Esophageal Cancer	<i>H. Chr. Löser, U. R. Fölsch, C. Paprotny & W. Creutzfeldt</i>	1193
Increased Serum Pepsinogen I and Recurrence of Duodenal Ulcer	<i>K. Sumii, A. Inbe, N. Uemura, M. Kimura, K. Haruma, M. Yoshihara, H. Teshima, G. Kajiyama & A. Miyoshi</i>	1200
^{99m} Tc-Labeled Monoclonal Anti-Carcinoembryonic Antigen Antibody (BW 431/26)	<i>P. Lind, W. Langsteger, P. Kölringer, P. Lechner, A. Beham, K. Arian Schad & O. Eber</i>	1205
Serum Anti-gliadin Antibody Profile in Childhood Protracted Diarrhoea Due to Coeliac Disease and Other Causes in a Developing Country	<i>V. Khoshoo, M. K. Bhan, S. Puri, R. Jain, S. Jayashree, S. Bhatnagar, R. Kumar & G. Stintzing</i>	1212
Serum Procollagen III Peptide in Alcoholic and Other Chronic Liver Diseases	<i>H. Bell, N. Raknerud, H. Ørjasæter & E. Haug</i>	1217

Effect of Long-Term Intraluminal Perfusion of Pentagastrin on Rat Small-Intestinal Mucosa	<i>M. Guidet, D. Balas, F. Senegas-Balas, C. Bertrand & A. Ribet</i>	1223
The Effect of Arachidonic Acid and Its Metabolites on Acid Production in Isolated Human Parietal Cells	<i>E. Jaramillo, S. Mårdh, K. Green, B. Persson, C. Rubio & A. Aly</i>	1231
Inhibitory Effect of the C-Terminal Octapeptide of Oxyntomodulin on Pentagastrin-Stimulated Gastric Acid Secretion in Man	<i>M. Veyrac, D. Ribard, J. P. Daures, H. Mion, A. Lequellec, J. Martinez, D. Bataille & H. Michel</i>	1238
Primary Treatment of Carcinoma of the Anus by Combined Radiotherapy and Chemotherapy	<i>K. M. Tveit, K. O. Karlsen, S. D. Fosså, A. Flokkmann, I. Guldvog & J. Haffner</i>	1243
The Long-Acting Somatostatin Analogue SMS 201-995 Causes Malabsorption	<i>K. Witt & N. Thorsgaard Pedersen</i>	1245
Release of Arachidonic Acid Metabolites during Acute Pancreatitis in Pigs	<i>B. Vollmar, H. Waldner, J. Schmand, P. F. Conzen, A. E. Goetz, H. Habazettl, L. Schweiberer & W. Brendel</i>	1253
The Incidence of Crohn's Disease in Northern Norway from 1983 to 1986	<i>S. Kildebo, R. Breckan, K. Nordgaard, P. G. Burhol, R. Jorde & Members of the Northern Norway Gastroenterology Society</i>	1265
Epidemiology of Crohn's Disease in Western Norway	<i>K. Haug, E. Schrumpf, J. F. Halvorsen, G. Fluge, E. Hamre, T. Hamre, R. Skjellingstad & The Study Group of Inflammatory Bowel Disease in Western Norway</i>	1271
Short-Chain Fatty Acid and Organic Acid Concentrations in Feces of 10 Human Volunteers and Their Correlation with Anaerobe Cultural Counts over a 15-Month Period	<i>G. J. Meijer-Severs & E. van Santen</i>	1276